

NO₂, XNHR⁴, XNR⁴R⁴, XNHSO₂R⁴, XN(SO₂R⁴)SO₂R⁴, XNR⁴SO₂R⁴, R⁴, whereby two substituents at R², if they are in ortho-position to one another, can be linked to one another in such a way that they jointly form methanediylbisoxy, ethane-1,2-diylbisoxy, propane-1,3-diyl, butane-1,4-diyl.

4. Benzimidazoles according to claim 1, wherein
R³ means one or two substituents, which, independently of one another, can be:
hydrogen, F, Cl, Br,
XOH, XOR⁴, XOCOR⁴, XOCONHR⁴, XOCOOR⁴,
XCOR⁴, XC(NOH)R⁴, XC(NOR⁴)R⁴, XC(NO(COR⁴))R⁴,
XCN, XSR⁴, XSOR⁴, XSO₂R⁴, SO₂NH₂, SO₂NHR⁴, SO₂NR⁴R⁴,
NO₂, XNH₂, XNHR⁴, XNR⁴N⁴,
XNHSO₂R⁴, XNR⁴SO₂R⁴, XN(SO₂R⁴)SO₂R⁴,
XNHCOR⁴, XNHCOOR⁴, XNHCONHR⁴, or R⁴, whereby two
substituents R³, if they are in ortho-position to one another, can be linked to one another in such a way that they jointly form methanediylbisoxy, ethane-1,2-diylbisoxy, propane-1,3-diyl, or butane-1,4-diyl.

5. Benzimidazoles according to claim 1, wherein
R⁴ and R⁴, independently of one another, mean CF₃, C₂F₅, C₁₋₄
alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₃₋₆ cycloalkyl, (C₁₋₃ alkyl-C₃₋₆ cycloalkyl),
phenyl or 5- to 6-membered heteroaryl with 1-2 N, S or O atoms, whereby
the phenyl and heteroaryl groups can be substituted with one or two
substituents from the group that consists of F, Cl, Br, CH₃, C₂H₅, OCH₃,
OC₂H₅, CF₃, C₂F₅,
and in addition in a 5-membered cycloalkyl ring, a ring
member can be an N or an O, and in a 6-membered cycloalkyl ring, one or
two ring members can be N and/or O, whereby ring nitrogens optionally can
be substituted with C₁₋₃ alkyl or C₁₋₃ alkanoyl.

Sub
C3
cont.

6. Benzimidazoles according to claim 1, wherein
R⁵ and R^{5'}, independently of one another, can be C₁₋₆ alkyl,
whereby a carbon atom can be exchanged for O, NH, N C₁₋₃ alkyl, N C₁₋₃
alkanoyl,
C₃₋₇ cycloalkyl-C₀₋₃ alkyl, whereby in a 5-membered
cycloalkyl ring, a ring member can be an N or an O, and in a 6- or 7-
membered cycloalkyl ring, one or two ring members can be N and/or O,
whereby ring nitrogens optionally can be substituted with C₁₋₃ alkyl or C₁₋₃
alkanoyl, whereby the mentioned C₁₋₆ alkyl part can be substituted with one
of the previously mentioned cycloalkyls or else a 5- to 6-membered
heteroaromatic compound with 1-2 heteroatoms, selected from N, S or O,
whereby all previously mentioned alkyl and cycloalkyl parts can be
substituted with up to two substituents that consist of CF₃, OH, O C₁₋₃ alkyl,
and the previously mentioned heteroaryl groups with one or two substituents
that consist of F, Cl, CF₃, CH₃, C₂H₅, OCH₃, OC₂H₅, or R⁵ and R^{5'} together
with the nitrogen atom form a 5- to 7-membered heterocyclic compound,
which can contain another oxygen, nitrogen or sulfur atom and can be
substituted with C₁₋₄ alkyl, C₁₋₄ alkoxy-C₀₋₂ alkyl, C₁₋₄ alkoxy-carbonyl,
aminocarbonyl or phenyl.

7. Benzimidazoles according to claim 1, wherein
A means C₁₋₁₀ alkanediyl, C₂₋₁₀ alkenediyl, C₂₋₁₀ alkinediyl, (C₀₋₅ alkanediyl-C₃₋₇
cycloalkanediyl-C₀₋₅ alkanediyl), whereby in a 5-membered cycloalkyl ring, a
ring member can be an N or an O, or in a 6- or 7-membered cycloalkyl ring,
one or two ring members can be N and/or O, whereby ring nitrogens
optionally can be substituted with C₁₋₃ alkyl or C₁₋₃ alkanoyl,
whereby in the above-mentioned aliphatic chains, a carbon atom or two
carbon atoms can be exchanged for O, NH, N C₁₋₃ alkyl, or N C₁₋₃ alkanoyl.

Sub
C3
cont.

8. Benzimidazoles according to claim 1, wherein
B means COOH, COOR⁵, CONH₂, CONHR⁵, CONR⁵R^{5'}, CONHOH,
CONHOR⁵ or tetrazolyl,
in each case bonded to a carbon atom of group A.

9. Benzimidazoles according to claim 1, wherein
X means a bond or methylene.

10. Benzimidazoles according to claim 1, wherein
Y means O.

Sub
C5

12. 6-[[2-Phenyl-1-(3-pyridyl)-1H-benzimidazol-5-yl]oxy]hexanoic acid methyl ester

6-[[2-phenyl-1-(3-pyridyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-phenyl-1-(4-pyridyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-(4-fluoro-phenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-(4-methoxyphenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]-hexanoic acid methyl ester

6-[[2-(4-bromophenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-[4-(trifluoromethyl)phenyl]-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-phenyl-2-(benzothien-2-yl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-phenyl-2-(benzothien-2-yl)-1H-benzimidazol-6-yl]oxy]hexanoic acid

6-[[5-hydroxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[5-hydroxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid

6-[[5-methoxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[5-hydroxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[5-methoxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[5-[[[(4-chlorophenyl)sulfonyl]amino]-1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[5-[[[(4-chlorophenyl)sulfonyl]amino]-2-(4-fluorophenyl)-1-(4-methoxyphenyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[5-[[[(4-chlorophenyl)sulfonyl]amino]-1-(4-methoxyphenyl)-2-(4-methoxyphenyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

4-[[5-[[[(4-chlorophenyl)sulfonyl]amino]-1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]butanoic acid methyl ester

5-[[5-[[[(4-chlorophenyl)sulfonyl]amino]-1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester

5-[[5-[[[(4-chlorophenyl)sulfonyl]amino]-1,2-diphenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester

6-[[5-[[[(4-(trifluoromethyl)phenyl)sulfonyl]amino]-1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[5-[[[(4-chlorophenyl)sulfonyl]methylamino]-1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(indan-5-yl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(indan-5-yl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid

6-[[1-(3-fluorophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-(4-nitrophenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-phenyl-2-(3-pyridinyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

N-(cyclopropylmethoxy)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-isobutoxy-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-(cyclopropylmethoxy)-6-[2-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-benzimidazol-6-yl]oxy]-hexanamide

N-isobutoxy-6-[2-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-benzimidazol-6-yl]oxy]hexanamide

N-(2-methoxyethyl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-(3-methoxypropyl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-isobutyl-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]-1-morpholin-1-ylhexan-1-one

N,N-di(-2-methoxyethyl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-isopentyl-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-(pyridin-2-yl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-(pyridin-3-yl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-isopropyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

N,N-dimethyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

N,N-diethyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

N-isobutyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

N-cyclopropyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

N-cyclobutyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

N-tert-butyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

(R)-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]1-(2-methoxymethyl)-pyrrolidin-1-ylhexan-1-one

N-(3-imidazol-1-yl-propyl)-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

~~N-(2-pyridin-2-ylethyl)-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide~~

~~N-(3-methoxypropyl)-6-[[1-(indan-5-yl)-2-phenyl-1H-benzimidazol-6-yl]oxy]heptanamide~~

~~6-[[1-(4-methylphenyl)-2-(3-pyridyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(4-pyridyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(2-thienyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(3-thienyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[2-(3-indolyl)-1-(4-methylphenyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(2-furyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(3-furyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(5-methyl-2-thienyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(3-methyl-2-thienyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester,~~

~~each a compound of claim 1.~~

13. Use of a compound according to claim 1 for the production of a pharmaceutical agent for treating or preventing diseases that are associated with a microglia activation.

14. Pharmaceutical agent, wherein it contains one or more compounds according to claim 1 and one or more vehicles.

Int
Bz
cont

17.

R²

Use according to claim 15, whereby in general formula II, means a monocyclic or bicyclic aryl group or a monocyclic or bicyclic 5- to 10-membered heteroaryl group with 1-2 heteroatoms selected from the group that consists of N, S or O, whereby the mentioned aryl group or heteroaryl group can be substituted with up to three of the following substituents, independently of one another:

F, Cl, Br, XOH, XOR⁴, XOCOR⁴, XOCONHR⁴, XOCOOR⁴,

XCOR⁴, XC(NOH)R⁴,

XC(NOR⁴)R⁴, XC(NO(COR⁴))R⁴, XCN, XCOOH, XCOOR⁴, XCONH₂,

XCONR⁴R⁴,

XCONHR⁴, XCONHOH, XCONHOR⁴, XCOSR⁴, XSR⁴, XSOR⁴, XSO₂R⁴,

SO₂NH₂, SO₂NHR⁴, SO₂NR⁴R⁴, NO₂, XNH₂, XNHR⁴, XNR⁴R⁴,

XNHSO₂R⁴,

XN(SO₂R⁴)(SO₂R⁴), XNR⁴SO₂R⁴, XNHCOR⁴, XNHCOOR⁴,

XNHCONHR⁴, R⁴,

whereby two substituents at R², if they are in ortho-position to one another, can be linked to one another in such a way that they jointly form methanediylbisoxy, ethane-1,2-diylbisoxy, propane-1,3-diyl, butane-1,4-diyl.

18. Use according to claim 15, whereby in general formula II

R³ stands for one or two substituents, which independently of one another, mean:

hydrogen,

F, Cl, Br, XOH, XOR⁴, XOCOR⁴, XOCONHR⁴,

XOCOOR⁴, XCOR⁴, XC(NOH)R⁴, XC(NOR⁴)R⁴, XC(NO(COR⁴))R⁴,

XCN, XSR⁴, XSOR⁴, XSO₂R⁴, SO₂NH₂, SO₂NHR⁴, SO₂NR⁴R⁴, NO₂,

XNH₂, XNHR⁴, XNR⁴R⁴, XNHSO₂R⁴, XNR⁴SO₂R⁴, XN(SO₂R⁴)(SO₂R⁴),

XNHCOR⁴, XNHCOOR⁴, XNHCONHR⁴, or R⁴, whereby two substituents

R³, if they are in ortho-position to one another, can be linked to one another

in such a way that they jointly form methanediylbisoxy, ethane-1,2-diylbisoxy, propane-1,3-diyl, butane-1,4-diyl.

19. Use according to claim 15, whereby in general formula II

R^4 and R^4 , independently of one another, mean CF_3 , C_2F_5 , C_{1-4}

alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, C_{3-6} cycloalkyl, (C_{1-3} alkyl- C_{3-6} cycloalkyl), C_{1-3} alkylaryl, C_{1-3} alkylheteroaryl, monocyclic aryl or 5- to 6-membered heteroaryl with 1-2 N, S or O atoms, whereby the aryl and heteroaryl groups can be substituted with one or two substituents from the group that consists of F, Cl, Br, CH_3 , C_2H_5 , NO_2 , OCH_3 , OC_2H_5 , CF_3 , C_2F_5 or else can carry an annelated methanediylbisoxy or ethane-1,2-diylbisoxy group, and in addition in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl.

20. Use according to claim 15, whereby in general formula II

R^5 and R^5 , independently of one another, can be C_{1-6} alkyl,

whereby a carbon atom can be exchanged for O, NH, N C_{1-3} alkyl, N C_{1-3} alkanoyl, C_{3-7} cycloalkyl- C_{0-3} alkyl, whereby in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl, whereby the mentioned C_{1-6} alkyl part can be substituted with one of the previously mentioned cycloalkyls or else a 5- to 6-membered heteroaromatic compound with 1-2 heteroatoms, selected from the group that consists of N, S or O,

whereby all previously mentioned alkyl and cycloalkyl parts can be substituted with up to two substituents that consist of CF_3 , OH, O C_{1-3} alkyl, and the previously mentioned heteroaryl groups can be substituted with one or two substituents that consist of F, Cl, CF_3 , CH_3 , C_2H_5 , OCH_3 , OC_2H_5 ,

Sub
B²
cont

or R⁵ and R^{5'} together with the nitrogen atom form a 5- to 7-membered heterocyclic compound, which can contain another oxygen, nitrogen or sulfur atom and can be substituted with C₁₋₄ alkyl, C₁₋₄ alkoxy-C₀₋₂ alkyl, C₁₋₄ alkoxy-carbonyl, aminocarbonyl or phenyl.

A3

21. Use according to claim 15, whereby in general formula II
A means C₁₋₁₀ alkanediyl, C₂₋₁₀ alkenediyl, C₂₋₁₀ alkinediyl, (C₀₋₅ alkanediyl-C₃₋₇ cycloalkanediyl-C₀₋₅ alkanediyl), or (C₀₋₅ alkanediyl-heteroaryl-C₀₋₅ alkanediyl), whereby an optionally present heteroaryl group can be substituted with one or two substituents that consist of F, Cl, Br, CH₃, C₂H₅, NO₂, OCH₃, OC₂H₅, CF₃, C₂F₅, and in addition in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C₁₋₃ alkyl or C₁₋₃ alkanoyl, whereby in an aliphatic chain, a carbon atom or two carbon atoms can be exchanged for O, NH, N C₁₋₃ alkyl, N C₁₋₃ alkanoyl, NSO₂ C₁₋₃ alkyl, and whereby alkyl or cycloalkyl parts can be substituted with up to two F atoms or one of the substituents that consists of OH, O C₁₋₃ alkyl, O C₁₋₃ alkanoyl, =O, NH₂, NH C₁₋₃ alkyl, N (C₁₋₃ alkyl)₂, NH C₁₋₃ alkanoyl, N (C₁₋₃ alkyl) (C₁₋₃ alkanoyl), NHCOO C₁₋₃ alkyl, NHCONH C₁₋₃ alkyl, NHSO₂ C₁₋₃ alkyl, SH, S C₁₋₃ alkyl.
22. Use according to claim 15, whereby in general formula II
B means hydrogen, OH, OCOR⁵, OCONHR⁵, OCOOR⁵, COOH, COOR⁵, CONH₂, CONHR⁵, CONR⁵R^{5'}, CONHOH, CONHOR⁵, or tetrazolyl, in each case bonded to a carbon atom of group A.
23. Use according to claim 15, whereby in general formula II,
X means a bond or CH₂.

24. Use according to claim 15, whereby in general formula II,
Y means a bond, O, S, NH, NR⁴, NCOR⁴ or NSO₂R⁴.